



EMR / RU4 Feedstocks and Processes of the Future Carbon Cycle

Atmospheric Gasification of Suspension Fuels

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Challenge + Objectives

Entrained Flow Gasification of Suspension Fuel

multi-phase reacting system at high temperature



Understand and



Approach

- Atmospheric experiment for detailed process data
- Mapping of gasifier: local profiles of X_i, T, u



Near Flame Zone



S. Fleck et al.; Fuel 217 (2018) 306-319

Results

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